

**Commonwealth of Massachusetts**  
**Executive Office of Environmental Affairs ■ MEPA Office**

**ENF Environmental Notification Form**

*For Office Use Only*  
*Executive Office of Environmental Affairs*

EOEA No.: 14020  
 MEPA Analyst: Holly Johnson  
 Phone: 617-626-1023

The information requested on this form must be completed to begin MEPA Review in accordance with the provisions of the Massachusetts Environmental Policy Act, 301 CMR 11.00.

Project Name: Riverview Marina Maintenance Dredging		
Street: 58 River Street		
Municipality: Danvers	Watershed: North Coastal	
Universal Transverse Mercator Coordinates: 19 342517 E 4712662 N	Latitude: 42° 33' 07" N Longitude: 70° 55' 05" W	
Estimated commencement date: Nov. 2007	Estimated completion date: Jan 2008	
Approximate cost: \$87,000	Status of project design:	80 %complete
Proponent: Riverview Marina		
Street: 58 River Street		
Municipality: Danvers	State: MA	Zip Code: 01923
Name of Contact Person From Whom Copies of this ENF May Be Obtained: Christine M. Player		
Firm/Agency: Vine Associates, Inc.	Street: 190 Old Derby Street. Suite 311	
Municipality: Hingham	State: MA	Zip Code: 02043
Phone: 781-749-2530 x202	Fax: 781-749-2751	E-mail: cplayer@vineassociates.net

- Does this project meet or exceed a mandatory EIR threshold (see 301 CMR 11.03)?  
 Yes  No
- Has this project been filed with MEPA before?  
 Yes (EOEA No. \_\_\_\_\_)  No
- Has any project on this site been filed with MEPA before?  
 Yes (EOEA No. 4634)  No
- Is this an Expanded ENF (see 301 CMR 11.05(7)) requesting:
- a Single EIR? (see 301 CMR 11.06(8))  Yes  No
  - a Special Review Procedure? (see 301CMR 11.09)  Yes  No
  - a Waiver of mandatory EIR? (see 301 CMR 11.11)  Yes  No
  - a Phase I Waiver? (see 301 CMR 11.11)  Yes  No

Identify any financial assistance or land transfer from an agency of the Commonwealth, including the agency name and the amount of funding or land area (in acres): None

Are you requesting coordinated review with any other federal, state, regional, or local agency?  
 Yes (Specify \_\_\_\_\_)  No

List Local or Federal Permits and Approvals: local Order of Conditions; USACE Programmatic General Permit

Which ENF or EIR review threshold(s) does the project meet or exceed (see 301 CMR 11.03):

- |                                 |                                       |  |
|---------------------------------|---------------------------------------|--|
| <input type="checkbox"/> Land   | <input type="checkbox"/> Rare Species | <input checked="" type="checkbox"/> Wetlands, Waterways, & Tidelands |
| <input type="checkbox"/> Water  | <input type="checkbox"/> Wastewater   | <input type="checkbox"/> Transportation                              |
| <input type="checkbox"/> Energy | <input type="checkbox"/> Air          | <input type="checkbox"/> Solid & Hazardous Waste                     |
| <input type="checkbox"/> ACEC   | <input type="checkbox"/> Regulations  | <input type="checkbox"/> Historical & Archaeological Resources       |

Summary of Project Size & Environmental Impacts	Existing	Change	Total	State Permits & Approvals
<b>LAND</b>				<input checked="" type="checkbox"/> Order of Conditions <input type="checkbox"/> Superseding Order of Conditions <input type="checkbox"/> Chapter 91 License <input checked="" type="checkbox"/> 401 Water Quality Certification <input type="checkbox"/> MHD or MDC Access Permit <input type="checkbox"/> Water Management Act Permit <input type="checkbox"/> New Source Approval <input type="checkbox"/> DEP or MWRA Sewer Connection/ Extension Permit <input checked="" type="checkbox"/> Other Permits <i>(including Legislative Approvals) – Specify:</i>  Chapter 91 permit (for dredging)
Total site acreage	N/A			
New acres of land altered		0		
Acres of impervious area	N/A	N/A	N/A	
Square feet of new bordering vegetated wetlands alteration		0		
Square feet of new other wetland alteration		46,515 LUO 7,765 Coastal Beach		
Acres of new non-water dependent use of tidelands or waterways		0		
<b>STRUCTURES</b>				
Gross square footage	N/A	N/A	N/A	
Number of housing units	N/A	N/A	N/A	
Maximum height (in feet)	N/A	N/A	N/A	
<b>TRANSPORTATION</b>				
Vehicle trips per day	N/A	N/A	N/A	
Parking spaces	N/A	N/A	N/A	
<b>WATER/WASTEWATER</b>				
Gallons/day (GPD) of water use	N/A	N/A	N/A	
GPD water withdrawal	N/A	N/A	N/A	
GPD wastewater generation/ treatment	N/A	N/A	N/A	
Length of water/sewer mains (in miles)	N/A	N/A	N/A	

**CONSERVATION LAND:** Will the project involve the conversion of public parkland or other Article 97 public natural resources to any purpose not in accordance with Article 97?

Yes (Specify \_\_\_\_\_)  No

Will it involve the release of any conservation restriction, preservation restriction, agricultural preservation restriction, or watershed preservation restriction?

Yes (Specify \_\_\_\_\_)  No

**RARE SPECIES:** Does the project site include Estimated Habitat of Rare Species, Vernal Pools, Priority Sites of Rare Species, or Exemplary Natural Communities?

Yes (Specify \_\_\_\_\_)  No

**HISTORICAL / ARCHAEOLOGICAL RESOURCES:** Does the project site include any structure, site or district listed in the State Register of Historic Place or the inventory of Historic and Archaeological Assets of the Commonwealth?

Yes (Specify \_\_\_\_\_)  No

If yes, does the project involve any demolition or destruction of any listed or inventoried historic or archaeological resources?

Yes (Specify \_\_\_\_\_)  No

**AREAS OF CRITICAL ENVIRONMENTAL CONCERN:** Is the project in or adjacent to an Area of Critical Environmental Concern?

Yes (Specify \_\_\_\_\_)  No

**PROJECT DESCRIPTION:** The project description should include **(a)** a description of the project site, **(b)** a description of both on-site and off-site alternatives and the impacts associated with each alternative, and **(c)** potential on-site and off-site mitigation measures for each alternative *(You may attach one additional page, if necessary.)*

Riverview Marina is proposing a maintenance dredging project for an area within the Porter River adjacent to the Marina. Approximately 4,355 cubic yards (CY) of material are proposed to be mechanically dredged over a total area of approximately 54,280 square feet (SF), including side slopes. The proposed dredged material will be disposed of at the Massachusetts Bay Disposal Site (MBDS). Since the proposed project area has been previously dredged by the marina over the past three decades, all work to be performed is considered to be maintenance dredging. The project will provide the required navigational improvements for safe access into these areas.

The proposed maintenance dredging at Riverview Marina is intended to be performed as one of potentially five "piggyback" projects to the upcoming maintenance dredging of the Crane and Porter Rivers that will be conducted by the Town of Danvers in 2007-2008 (EOEA File No. 10233). The proponent for each "piggyback" project will be seeking all local, state and federal permits on an individual basis for their respective facilities.

The Riverview Marina is situated on the south shore of the Porter River, just north of the Crane River. The marina provides anchorage and marine services for approximately 100 recreational vessels. Typical vessel sizes vary between 18 to 30 feet in length, with the average vessel size being approximately 28 feet. The recreational boating season typically lasts about twenty-two weeks, from May to October.

Available permit records indicate that the marina has been authorized to maintain a 5-foot deep anchorage area to berth vessels along the Porter River. Over time, areas within the permitted anchorage footprint have shoaled in, thereby making access difficult and limited at various locations. The proposed dredging will restore the anchorage area to previously authorized depths and improve navigational safety within the

## Riverview Marina.

Dredging operations will be conducted by mechanical methods, using a crane or excavator-mounted barge with a clamshell bucket. Once excavated, dredge sediments will be loaded directly into a scow and then transport to the MBDS for unconfined offshore disposal. The scow will be equipped with central door hatches, which will be opened when releasing the material.

For Riverview Marina to participate as a piggyback to the Town's project, dredge sediments will need to be determined suitable for unconfined offshore disposal at the Massachusetts Bay Disposal Site (MBDS) by the U.S. Army Corps of Engineers (USACE) and the U. S. Environmental Protection Agency (EPA). At this time, the Marina is coordinating with the USACE to determine the applicability of the sediment evaluation conducted in 2005 for the Town's project to the proposed project and to determine if additional testing will be required. In August 2006, the USACE and EPA determined that dredge sediments from the Town's project are suitable for unconfined offshore disposal at the MBDS.

This is a water-dependent project that has been designed, and will be performed, using the best available measures to minimize adverse impacts to the resource areas defined under the Wetlands Protection Act. The entire project consists of routine maintenance dredging within previously authorized limits and depths, with no improvement dredging being proposed. Resource areas occurring within the project area include Land Under the Ocean, Land Containing Shellfish, Coastal Beach and Fish Run. There are portions around the perimeter of the project area that are bordered by Coastal Bank and Salt Marsh. These resource areas, however, are outside the project area. The proposed dredging will not affect any areas containing Salt Marsh or Coastal Bank.

The proposed maintenance dredging project at Riverview Marina will impact approximately 46,515 SF of Land Under the Ocean in the Porter River. The proposed areas of dredging are subtidal areas with a soft substrate comprised primarily of a mix of fine silt and sand. Data from the Massachusetts Department of Environmental Protection (DEP) Wetlands Conservancy Program (WCP) indicates no occurrences of eelgrass (*Zostera marina*) in this area. The proposed areas to be dredged have all been previously dredged in the past; as such, these areas likely contain opportunistic benthic species typical of other dredged areas. After the dredging has occurred, these areas should recolonize fairly rapidly with organisms and populations similar to currently existing ones.

The proposed project will temporarily alter approximately 325 linear feet of a Fish Run. The project will be conducted during the fall and winter months, in order to avoid spawning of anadromous fish. Therefore, this project will not adversely affect the Fish Run. It is also anticipated that an area of approximately 7,765 SF of Coastal Beach will be impacted under the proposed project, primarily due to the side slopes. Since none of the Coastal Beach in the project area is nearly level (>1V:10H slope), no tidal flats exist within the proposed project area. Over the past 23 years, this area has been allowed to fill in, allowing the re-establishment of intertidal areas. Because the proposed dredge area likely contains low densities of shellfish, was previously dredged in 1984, at which time the Division of Marine Fisheries made a determination that the Land Containing Shellfish was not significant. In addition, this area has no known historical or current importance to recreational or commercial shellfishing, these areas according to 310 CMR 10.34 (3) (b), are not considered significant to Land Containing Shellfish.

The proposed maintenance dredging project is discussed in greater detail in the Project Narrative (Attachment 3).